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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.-30. (Cancelled)

31. (Currently Amended) A plate heat exchanger comprising a number of heat exchanger plates, which are arranged beside each other and connected to each other by means of a braze connection,

wherein the heat exchanger plates are substantially manufactured in stainless steel containing chromium,

wherein the plate heat exchanger includes a number of port channels extending through at least some of the heat exchanger plates,

wherein one or more of the port channels are surrounded by a connection surface prepared for a later connection of the one or more port channels to a pipe member, and

wherein the connection surface is formed by a material that permits brazing of said pipe member to the connection surface in an easier manner than to stainless steel, wherein said material is more reduction susceptible than chromium dioxide, wherein said material is based on nickel and has a thickness between about 20 and 50  $\mu\text{m}$ ,

wherein the material is bound to the stainless steel through diffusion of atoms from the material into the stainless steel and from the stainless steel into the material, and

wherein the material has a melting temperature such that the material does not melt when later connected to the pipe member.